

## ABSTRACT OF THE DISCLOSURE

An apparatus for developing a latent image recorded on a movable imaging surface, including: a reservoir for storing a supply of developer material including toner particles, said reservoir including a transport member; a donor member 5 being arranged to receive toner particles from said transport member and to deliver toner particles to the image surface at locations spaced apart from each other in the direction of movement of the imaging surface thereby to develop the latent image thereon; a power supply, connected to said donor member, for biasing said donor member to deliver toner to the image surface during a printing mode of operation; a second power supply, 10 connected to the transport member, for maintaining a predefined voltage difference between the transport member and the donor member such that toner particles are attracted to the donor member from the transport member during a printing mode of operation; a controller for generating a donor member purge signal trigger based on sensed or calculated development conditions; and a power supply controller, responsive 15 to said donor member purge signal, for changing the voltage between the donor member and the transport member during a second mode of operation thereby causing toner to partially or completely transfer back to said transport member and optionally transported to the imaging surface.